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MC4R (N2) Antibody, Rabbit Polyclonal

Cat#: R0578-2

Quantity: 100 ul

Predicted M.W.: 37 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P32245

Background:

Melanocortin receptor 4 (MC4R) is a multi-pass membrane protein that belongs to the G-protein coupled receptor 1 family. MC4R is a receptor specific to the heptapeptide core common to adrenocorticotrophic hormone and alpha-, beta-, and gamma-MSH. This receptor is mediated by G proteins that stimulate adenylate cyclase. Defects in MC4R are a cause of obesity.

Other Names:

Melanocortin receptor 4, MC4-R

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human MC4R. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:5,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.



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Product Data:

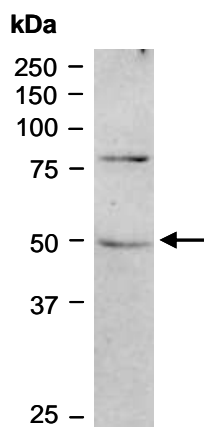


Fig 1. Western blot of total cell extracts from mouse brain, using Ab (R0578-2) at RT for 2 h.

Last Update: 11/2011

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